

# BIOSENSE™ PA5

10.1" RUGGED ANDROID™ BIOMETRIC TABLET



**AMREL®**  
Pioneering Customized Rugged Solutions

## Fast, Tough, Energy Efficient, & Sharp



### Truly superior image quality

BioSense™ PA5 Fully Rugged 10.1" Tablet has one of the brightest, sharpest displays on the market. Its 1000 nits rating, bright backlight, anti-reflective coatings, and directly bonded LCD layers grants you exceptional image quality and detail, even in the brightest sunlight.

### FBI-Certified FAP45 Fingerprint

Equipped with an FBI-certified FAP45 fingerprint for high quality prints, operators can capture fingerprints on demand and in any environment. Single or dual, flat or rolled prints, you can enroll and identify individuals anytime, anywhere.

### IP65, MIL-STD-810G & 5 foot drop

Built by AMREL, the ruggedness experts, the BioSense™ PA5 Tablet can operate in the frigid cold of commercial freezers or the stifling heat of the most severe deserts. Bake it, shake it, drown it, drop it – this tablet will still keep on working. With scratch-resistant Corning Gorilla Glass 3, tough magnesium chassis, and a durable ABS plastic cover, you can have complete confidence in the BioSense™ PA5 Tablet no matter where you take it.

### Android & long battery life

The super-efficient Android operating system gives you a longer battery life. Up to 25% longer than Windows.

### Multiple options

Options include snap-on modules for magnetic stripe reader, smart card (CAC), NFC, as well as 2D barcode. Also available are vehicle docks, desktop docks, VESA mount brackets, 2-bay battery chargers, and dual capacity battery packs for extended use.

- Sunlight readable
- 1920 x1200 (WUXGA) 1000 nit display
- Corning Gorilla Glass 3
- Android 4.4 (KitKat)
- Intel Atom Processor E3827 1.75GHz (Bay Trail)
- Dual cameras
- Capacitive multi-touch supports glove touch
- GNSS, Wi-Fi, Bluetooth, optional 4G LTE
- Hot swappable battery design
- Vehicle & desktop docks available
- Readers Options: NFC, Smart card (CAC), 2D barcode, FBI-certified FAP 45 Fingerprint, MSR
- Less than 1-inch thick

## SPECIFICATIONS - BIOSENSE™ PA5 10.1" RUGGED ANDROID™ BIOMETRIC TABLET

<b>Operating System</b>	Android 4.4 (KitKat)	<b>Sensor</b>	Gyroscope, G-sensor, E-compass, light sensor		
<b>CPU</b>	Intel Atom Processor E3827 1.75GHz (Bay Trail)	<b>Power Adapter</b>	AC 100V~240V, 50~60Hz Input; 19VDC@3.42A, 65W		
<b>Memory</b>	4GB RAM	<b>Battery</b>	<ul style="list-style-type: none"> <li>• Standard : 4500mAh, 10.8V, hot swappable battery Battery operation*: 6 hours</li> <li>• Extended : 9000mAh, 10.8V, hot swappable battery (option) Battery operation*: 11 hours</li> </ul> <small>*The listed battery life is based on Mobile Mark 2012® media mode testing.</small>		
<b>Storage</b>	Standard: 128GB mSATA SSD Option: 256GB mSATA SSD	<b>I/O Interface</b>	<ul style="list-style-type: none"> <li>• USB 2.0 Type A x 4</li> <li>• Gigabit ethernet (RJ-45) x 1</li> <li>• RS-232 x 1</li> <li>• Audio jack (headphone/microphone combo) x 1</li> <li>• RF pass-through connector x 2 for WLAN ,GNSS, WWAN</li> <li>• 12-pin docking connector x 1</li> <li>• Micro SD slot x 1, Micro SIM slot x 1, Micro HDMI x 1</li> <li>• Speaker &amp; microphone</li> </ul>		
<b>Display</b>	<ul style="list-style-type: none"> <li>• 10.1" WUXGA (1920 x 1200), 1000 nits sunlight readable</li> <li>• 5-point capacitive touch supports glove touch, water rejection, palm rejection, 2mm hard tip stylus</li> <li>• Gorilla Glass3</li> <li>• Digitizer (option)</li> </ul>	<b>Dimensions and Weight</b>	14" x 7.7" x 0.9" (35.56 x 19.5 x 2.3 cm) 3.0 lbs (1.32 kg)		
<b>Control Button</b>	<ul style="list-style-type: none"> <li>• Programmable button x 3</li> <li>• Barcode trigger x 1</li> <li>• Power, volume, home button</li> </ul>	<b>LED Indicator</b>	<ul style="list-style-type: none"> <li>• Power on/off</li> <li>• Wi-Fi on/off</li> <li>• Fn on/off</li> <li>• Battery full /charging/low</li> </ul>		
<b>RF</b>	<ul style="list-style-type: none"> <li>• Wi-Fi 802.11 a/b/g/n/ac</li> <li>• Bluetooth V4.0</li> <li>• Optional 3.5G or 4G LTE</li> <li>• GNSS(GPS/Glonass/BeiDou)</li> </ul>	<b>Rugged Features</b>	IP65, MIL-STD-810G, shock & vibration, 5 feet drop		
<b>Webcam</b>	<ul style="list-style-type: none"> <li>• 2MP front camera</li> <li>• 5MP rear camera with auto focus &amp; LED flash</li> </ul>	<b>Environment</b>	<ul style="list-style-type: none"> <li>• Operating temperature -4° F to 140° F (-20° C to 60° C)</li> <li>• Storage temperature -22° F to 158° F (-30° C to 70° C)</li> <li>• Humidity 5%~95%</li> </ul>		
<b>Data Collection</b>	<ul style="list-style-type: none"> <li>• FAP45 FBI-certified fingerprint scanner (single/dual, flat or rolled prints)</li> <li>• FAP45 fingerprint scanner + MSR</li> <li>• NFC</li> <li>• Smart card reader - CAC (snap-on option)</li> <li>• 2D barcode reader (built-in option)</li> </ul>	<b>Accessories</b>	<table style="width: 100%; border: none;"> <tr> <td style="width: 50%; border: none;"> <b>INCLUDED:</b> <ul style="list-style-type: none"> <li>• Pen</li> <li>• Hand strap</li> <li>• Shoulder strap</li> <li>• Handle</li> <li>• Power adapter</li> </ul> </td> <td style="width: 50%; border: none;"> <b>OPTIONAL:</b> <ul style="list-style-type: none"> <li>• Vehicle Dock</li> <li>• Desktop Dock</li> <li>• VESA Mount Bracket</li> <li>• 2-bay Battery Charger</li> <li>• Long Life Battery Pack</li> </ul> </td> </tr> </table>	<b>INCLUDED:</b> <ul style="list-style-type: none"> <li>• Pen</li> <li>• Hand strap</li> <li>• Shoulder strap</li> <li>• Handle</li> <li>• Power adapter</li> </ul>	<b>OPTIONAL:</b> <ul style="list-style-type: none"> <li>• Vehicle Dock</li> <li>• Desktop Dock</li> <li>• VESA Mount Bracket</li> <li>• 2-bay Battery Charger</li> <li>• Long Life Battery Pack</li> </ul>
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Specifications subject to change without notice

